

Four Tier Infrastructure Goal Recommendation WG-4

The following tiers are a ramp up to the implementation of an Integrated Solid Waste Management System. Local governments should start in the appropriate tier and work to expand or implement the higher tiers as listed below:

Collection	Disposal	Waste Reduction	Problem Wastes	Education/Awareness	Staff/	Composting/Mulching	Population Served	Economic
Tier 1								
At least one Convenience Center and or additional based on SWMA requirements	Local or Regional Class I Landfill Disposal for Class I and III/IV waste	A minimal recycling program to include at least a fiber category (cardboard, paper, etc.), Metal, and waste tires	Public or Private sites to collect and manage Batteries, Tires, Oil, other automotive fluids Host occasional Mobile HHW collection event	Signage at convenience centers, some K-12 promotion (can be through TN-SWEP)	Solid Waste Director or Recycling Coordinator whose duties are at least 55% solid waste/waste reduction related.	Not promoted, some composting or mulching may be present on a residential level	Low population, Very Rural Counties Minimum level of service	Full Cost Accounting (Disclosure) /Enterprise Fund Accounting for Solid Waste and Recycling Programs.

Tier 2								
Add additional Convenience Centers to fully serve needs conveniently located around county, start moving towards higher level of service in populated areas	Local or Regional Class I and Class III/IV land fills disposal of waste by type to correct Landfill. Transfer Station, use of pit burners or air curtain destructors	Expand existing recycling program to include multiple fiber, multiple metal, white good materials, used oil and anti-freeze	In addition to Tier 1, host yearly a mobile HHW collection event, Program to manage latex paint, e-waste management	Signage at convenience centers, some K-12 education (can be through TN-SWEP). Increased media materials, multimedia presentations, educate on e-waste and paint management.	Solid Waste Director or Recycling Coordinator whose duties are at least 75% solid waste/waste reduction related.	Low tech mulch operation operated by local government	Fair to Moderate Population base, Larger more developed Rural counties	Full Cost Accounting (Disclosure) /Enterprise Fund Accounting for Solid Waste and Recycling Programs.

Tier 3								
Curbside Higher level of service, mandatory countywide service	One Transfer station, Class I waste going to class I facilities, Class III/IV going to Class III/IV facilities,	Expand existing recycling program to include full spectrum of fiber and metals, include multiple types of plastics, glass recycling or management if end user available, white goods, Treat anti-freeze, used oil as recyclable or resource not waste,	Smaller Permanent Household Hazardous Waste Facility, Used oil and anti-freeze management, e-waste management through cooperative marketing, Latex paint management, gas cylinder management	K-12 education programs regularly administered, public service announcements, how-to and awareness campaigns, regular promotion of waste reduction, Regular use of programs like Recycle Guys, Adult targeted programs, Employee programs	Solid Waste Director or Recycling Coordinator whose duties are at least 95% solid waste/waste reduction related.	Extensive Mulching Programs Some back yard composting operations, may be some vermiculture	Moderate to Large Population base, Moderate to Large Counties with moderate to large urban influences	Full Cost Accounting (Disclosure) /Enterprise Fund Accounting for Solid Waste and Recycling Programs.

Tier 4								
Curbside Higher level of service, mandatory countywide service Curbside recycling programs in place (Public or Private)	Class I disposal being directed to digesters or composters, or moving some waste to material derived fuels or WTE or other waste reduction conservation disposal program. Methane Recovery For Power At Landfill Work to only dispose of what is actually necessary and have no other location to send materials to.	All traditional recyclables (Fiber, Metals, Plastics, Glass <when markets are available>, Tires, reusing oil in burners, Other non-traditional recyclables, Implementing many other waste reduction strategies (PAYT, product stewardship, WasteWise, LEEDS, etc.) Some curbside recycling (Public or Private)	Full Size Permanent Household Hazardous Waste Facility (may handle regional needs) Used oil and anti-freeze management, strong e-waste recycling management program, Latex paint management, gas cylinder management	K-12 curriculum and Programming Adult Programming Regular media outlets, Multi lingual education, Education centers available to educate on recycling (Public or Private)	Solid Waste Director/or Public Works Director with Solid Waste/and Recycling Sections Recycling Coordinator	Full Composting/Mulching Operation Promoting back yard composting and vermiculture	Large to Very Large Population Base, Larger very Urban Counties/Municipalities	Full Cost Accounting (Disclosure) /Enterprise Fund Accounting for Solid Waste and Recycling Programs.